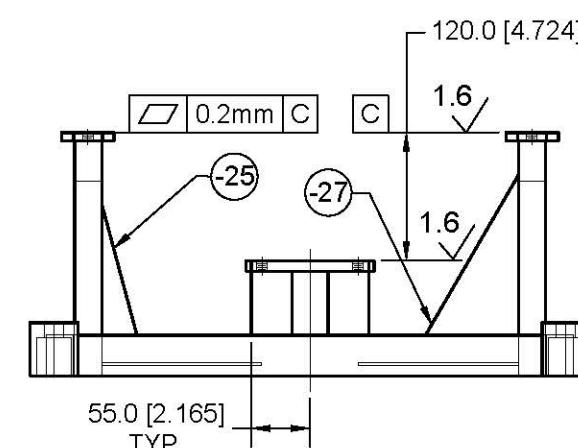
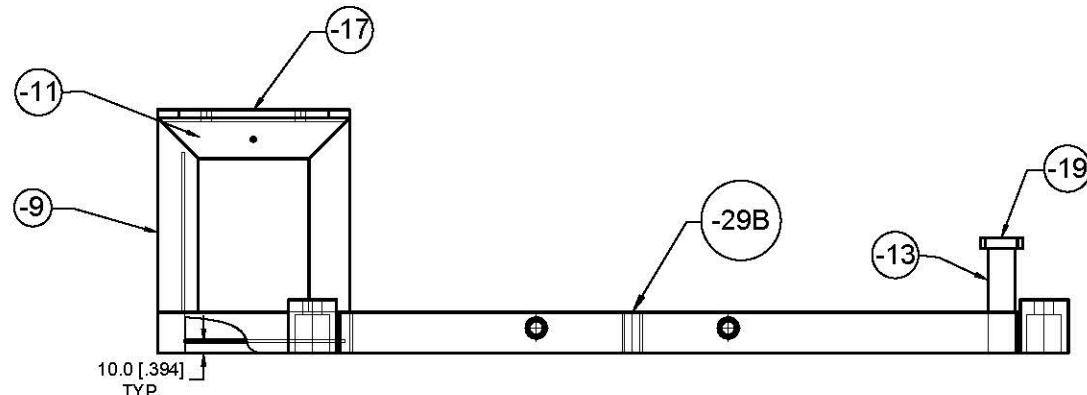
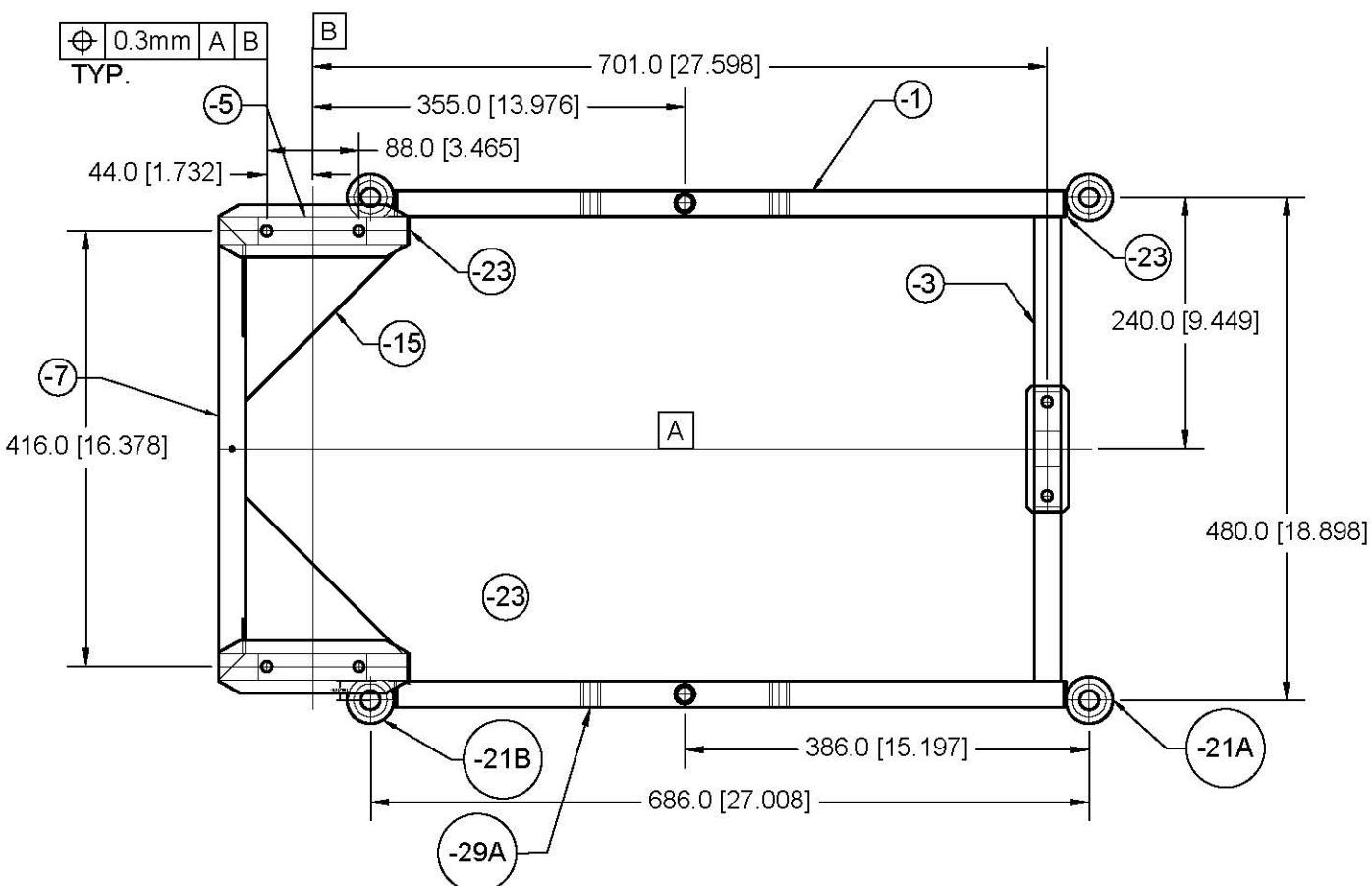


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



PART #	QTY	DESCRIPTION
-1	2	SEE PAGE 2
-3	1	SEE PAGE 3
-5	2	SEE PAGE 5
-7	1	SEE PAGE 5
-9	4	SEE PAGE 6
-11	2	SEE PAGE 7
-13	2	SEE PAGE 8
-15	2	SEE PAGE 9
-17	2	SEE PAGE 10
-19	1	SEE PAGE 11
-21A	2	SEE PAGE 12
-21B	2	SEE PAGE 12
-23	6	SEE PAGE 13
-25	1	SEE PAGE 14
-27	1	SEE PAGE 15
-29A	2	SEE PAGE 16
-29B	2	SEE PAGE 16

NOTES

- FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

8819116001 ASSEM.

DRAWN BY: PERRITT
CHECKED
HEAT TREAT
FINISH SPEC
USED ON MODEL
?
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON:
DECIMALS XXX ± .005 FRACTIONS ± 1/32
XX ± .01 ANGLES ± 5°
X ± .1
UNLESS OTHERWISE SPECIFIED
1. BREAK ALL SHARP EDGES
0.015 x 45° PR. 0.15 R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

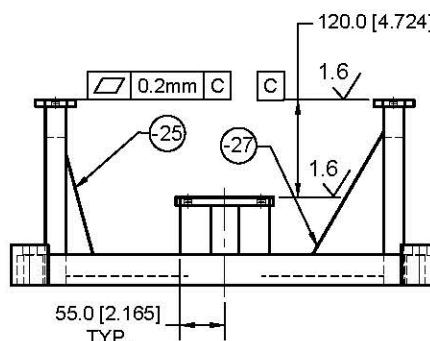
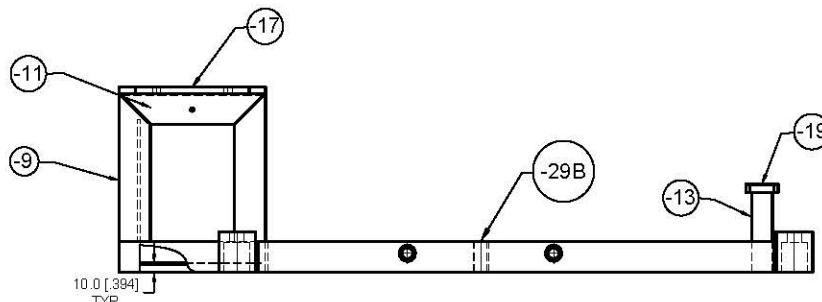
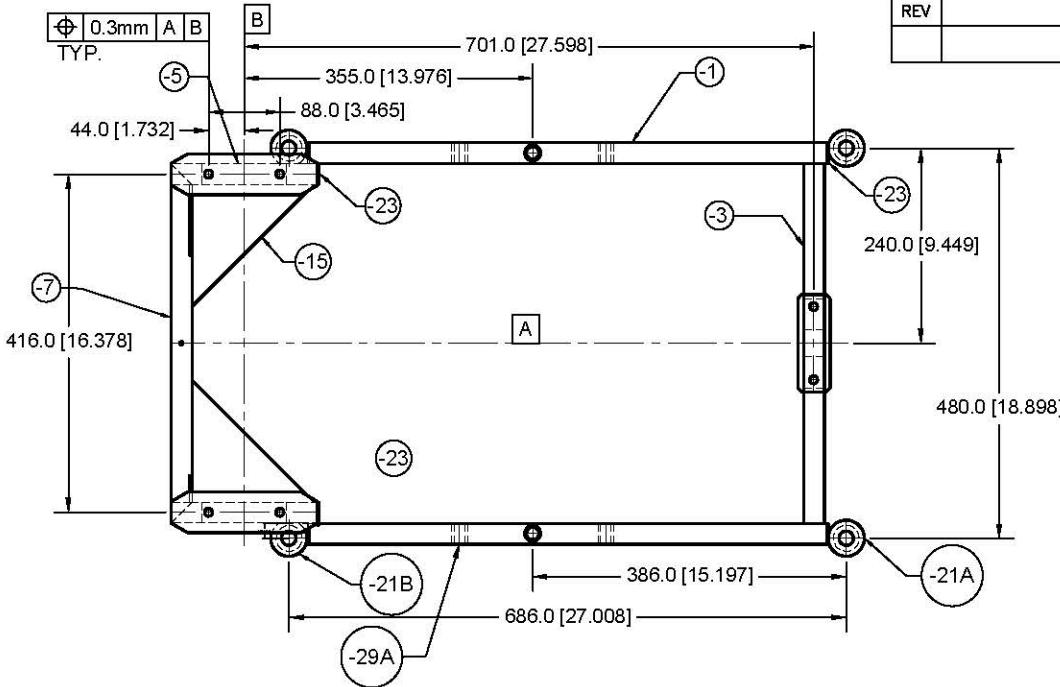
RB RED BARN MACHINE

MOTOR SUPPORT STAND

8819116000

REV.

TITLE
DWG NO.
SCALE NTS DATE 4-19-06 SHEET 1 of 16

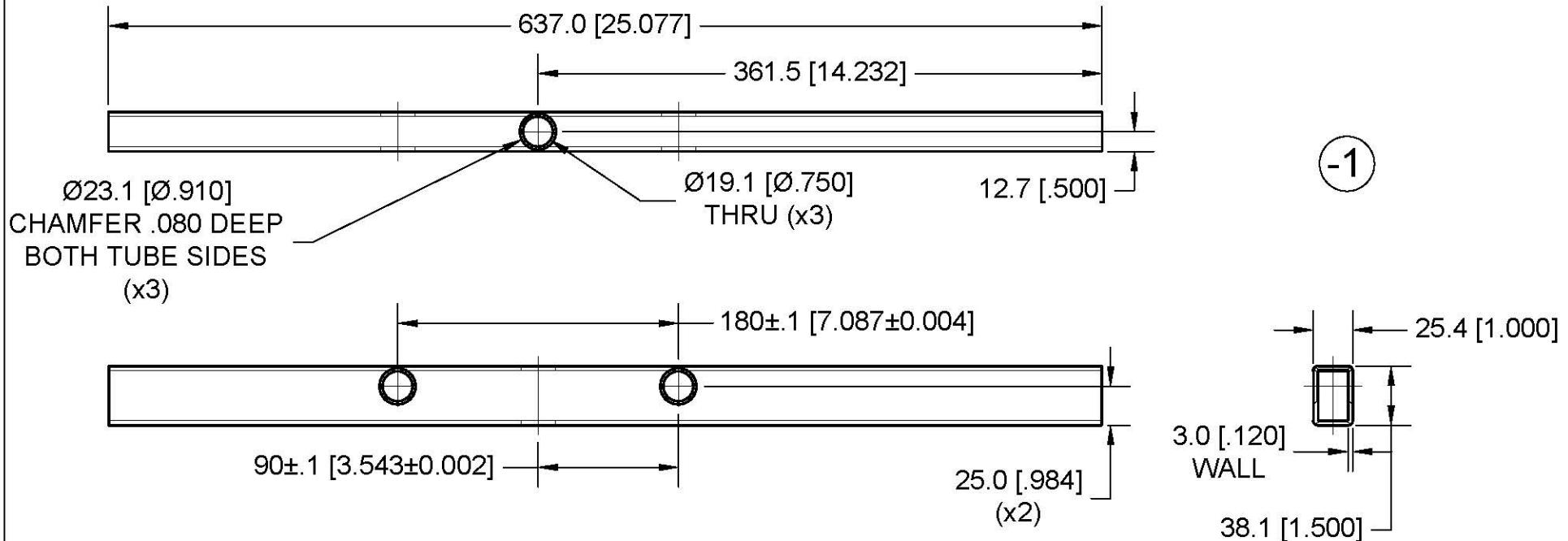


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

PART #	QTY	DESCRIPTION
-1	2	SEE PAGE 2
-3	1	SEE PAGE 3
-5	2	SEE PAGE 5
-7	1	SEE PAGE 5
-9	4	SEE PAGE 6
-11	2	SEE PAGE 7
-13	2	SEE PAGE 8
-15	2	SEE PAGE 9
-17	2	SEE PAGE 10
-19	1	SEE PAGE 11
-21A	2	SEE PAGE 12
-21B	2	SEE PAGE 12
-23	6	SEE PAGE 13
-25	1	SEE PAGE 14
-27	1	SEE PAGE 15
-29A	2	SEE PAGE 16
-29B	2	SEE PAGE 16

DRAWN BY:	PERRITT	 RED BARN MACHINE TITLE		
APPROVED				
HEAT TREAT				
FINISH SPEC	--			
USED ON MODEL	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			
ARRIEL 1E-1E2	TOLERANCES ON: DECIMALS XXX ± .005 FRACTIONS ± 1/32 XX ± .01 ANGLES ± .5° X ± .1			
	UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES 0.15 x 45° PR 016 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING			
	DWG NO.	8819116000	REV	
	SCALE	NTS	DATE 4-14-06	SHEET 1 of 16

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



NOTES

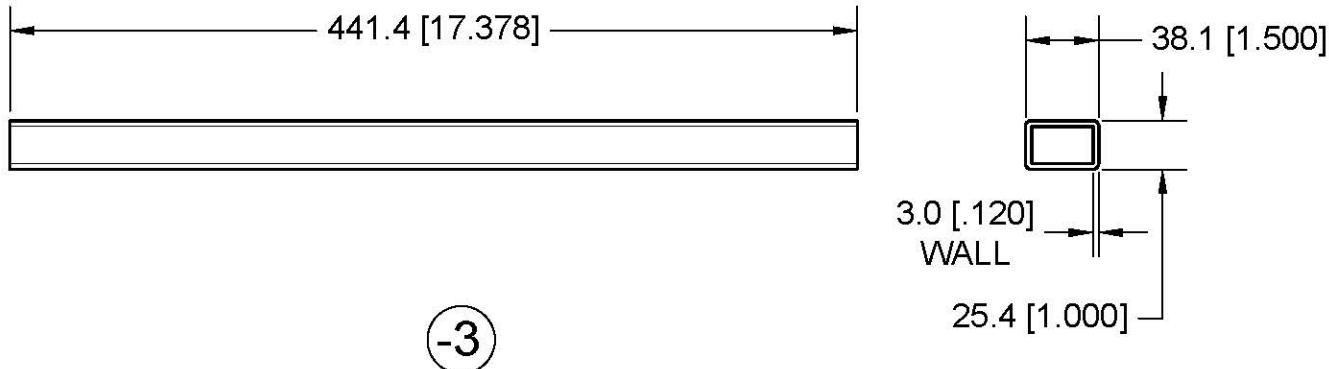
- FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

8819116001 ASSEM.

PART #	QTY	DESCRIPTION
-1	2	1" x 1-1/2" x .120 WALL x 25-1/4 LONG RECT. STEEL TUBING

USED ON MODEL ARRIEL 1E-1E2	DRAWN BY: PERRITT APPROVED HEAT TREAT FINISH SPEC --	RB RED BARN MACHINE TITLE MOTOR SUPPORT STAND DWG NO. 8819116000 REV
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS XXX ± .005 FRACTIONS ± 1/32 XX ± .01 ANGLES ± 5° X ± .1	UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING
SCALE NTS	DATE 4-14-06	SHEET 2 of 16

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



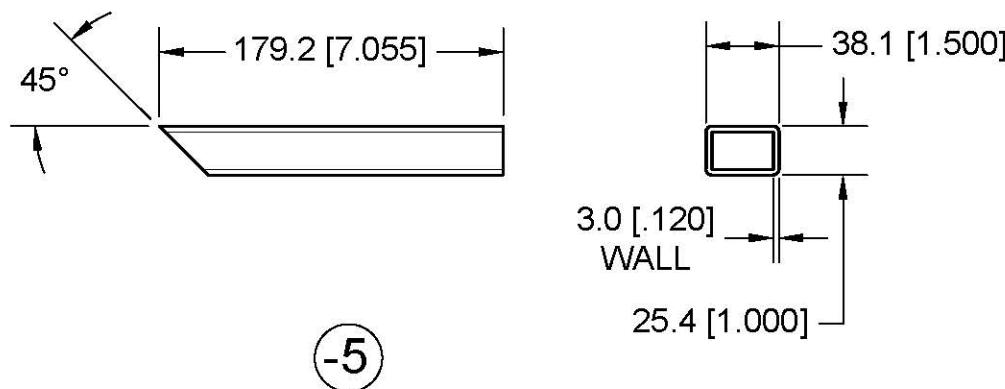
NOTES

1. FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

8819116001 ASSEM.

DRAWN BY:	PERRITT	RB RED BARN MACHINE TITLE MOTOR SUPPORT STAND DWG NO. 8819116000 REV
APPROVED		
HEAT TREAT		
FINISH SPEC	--	
USED ON MODEL	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS XXX ± .005 FRACTIONS ± 1/32 XX ± .01 ANGLES ± 5° X ± .1	
ARRIEL 1E-1E2	UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES 0.015 x 45° PR 0.015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
PART #	QTY	DESCRIPTION
-3	1	1" x 1-1/2" x .120 WALL x 17-5/8 LONG RECT. STEEL TUBING
SCALE	NTS	DATE 4-14-06
		SHEET 3 of 16

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



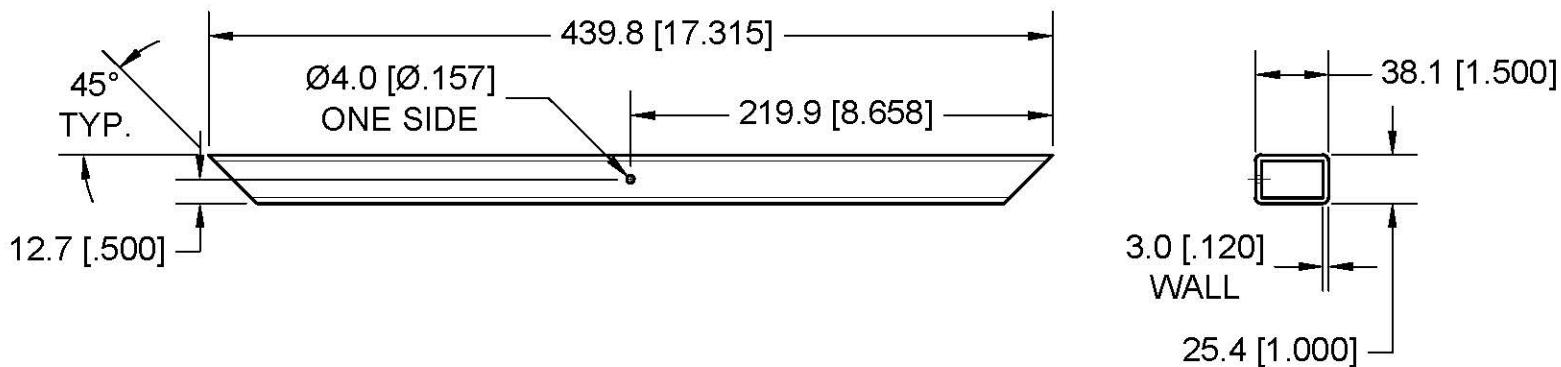
NOTES

1. FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

8819116001 ASSEM.

DRAWN BY: PERRITT	APPROVED		
HEAT TREAT			
FINISH SPEC	--		
USED ON MODEL ARRIEL 1E-1E2			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS XXX ± .005 FRACTIONS ± 1/32 XX ± .01 ANGLES ± 5° X ± .1			
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES 0.15 x 45° PR 0.15 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING			
PART #	QTY	DESCRIPTION	TITLE
-5	2	1" x 1-1/2" x .120 WALL x 7-1/4 LONG RECT. STEEL TUBING	RED BARN MACHINE MOTOR SUPPORT STAND
DWG NO. 8819116000		REV	
SCALE NTS	DATE 4-14-06	SHEET 4 of 16	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



-7

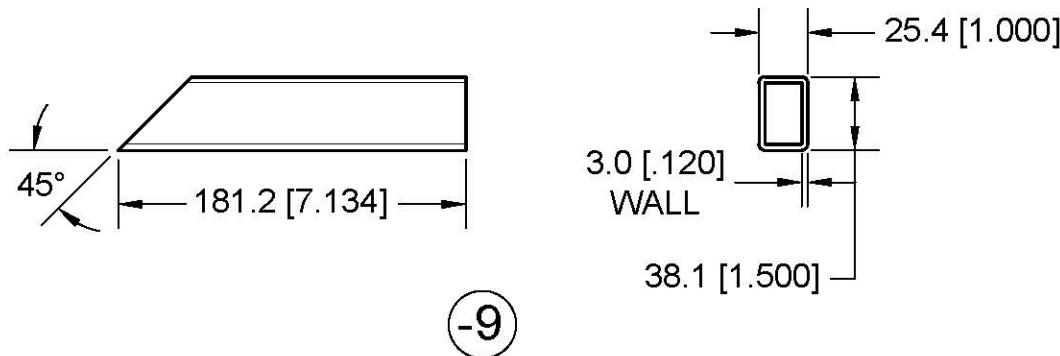
NOTES

- FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

8819116001 ASSEM.

DRAWN BY:	PERRITT	RB RED BARN MACHINE TITLE MOTOR SUPPORT STAND DWG NO. 8819116000 REV
APPROVED		
HEAT TREAT		
FINISH SPEC	--	
USED ON MODEL	ARRIEL 1E-1E2	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS XXX ± .005 FRACTIONS ± 1/32 XX ± .01 ANGLES ± 5° X ± .1		
PART #	QTY	DESCRIPTION
-7	1	1" x 1-1/2" x .120 WALL x 17-1/2 LONG RECT. STEEL TUBING
		UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES 0.15 x 45° PR 0.15 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING
SCALE	NTS	DATE 4-14-06 SHEET 5 of 16

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



NOTES

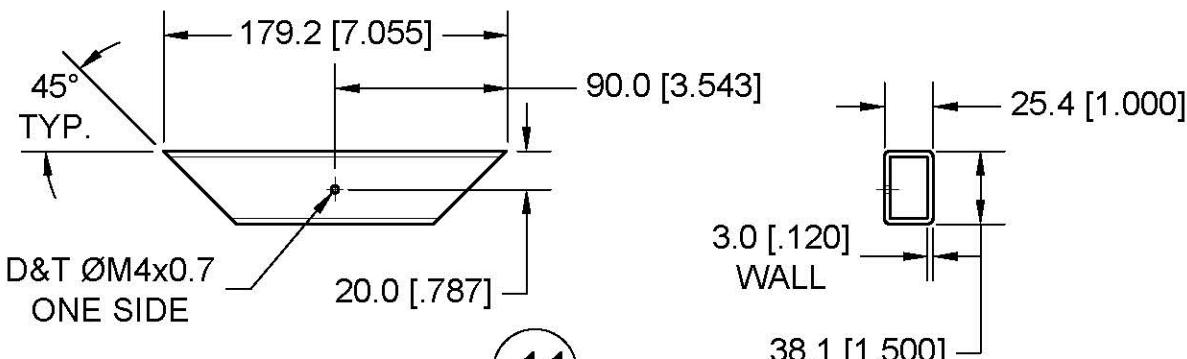
1. FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

8819116001 ASSEM.

PART #	QTY	DESCRIPTION
-9	4	1" x 1-1/2" x .120 WALL x 7-1/4 LONG RECT. STEEL TUBING

USED ON MODEL ARRIEL 1E-1E2	DRAWN BY: PERRITT APPROVED HEAT TREAT FINISH SPEC --	RB RED BARN MACHINE TITLE MOTOR SUPPORT STAND DWG NO. 8819116000 REV
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS XXX \pm .005 FRACTIONS \pm 1/32 XX \pm .01 ANGLES \pm 5° X \pm .1	SCALE NTS DATE 4-14-06 SHEET 6 of 16
	UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES 0.15 x 45° PR 0.15 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



NOTES

-11

1. FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.
2. FACE, DRILL & TAP AFTER WELDING

PART #	QTY	DESCRIPTION
-11	2	1" x 1-1/2" x .120 WALL x 7-1/4 LONG RECT. STEEL TUBING

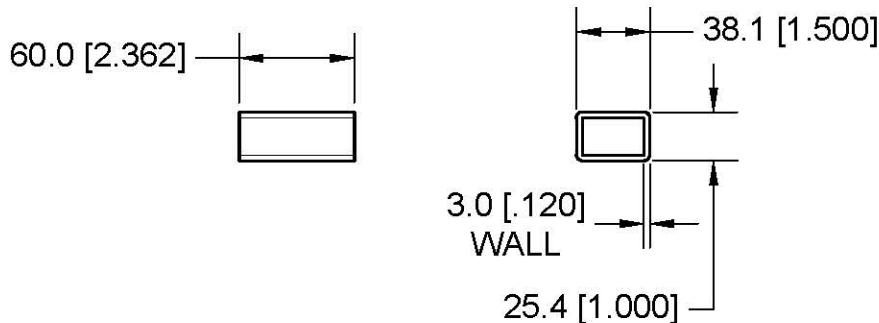
USED ON MODEL	PERRITT
APPROVED	
HEAT TREAT	
FINISH SPEC	--

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON:
DECIMALS XXX ± .005 FRACTIONS ± 1/32
XX ± .01 ANGLES ± 5°
X ± .1
UNLESS OTHERWISE SPECIFIED
1. BREAK ALL SHARP EDGES
.015 x 45° PR .015 R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

RB RED BARN MACHINE
TITLE
MOTOR SUPPORT STAND

DWG NO. 8819116000 REV
SCALE NTS DATE 4-14-06 SHEET 7 of 16

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



-13

NOTES

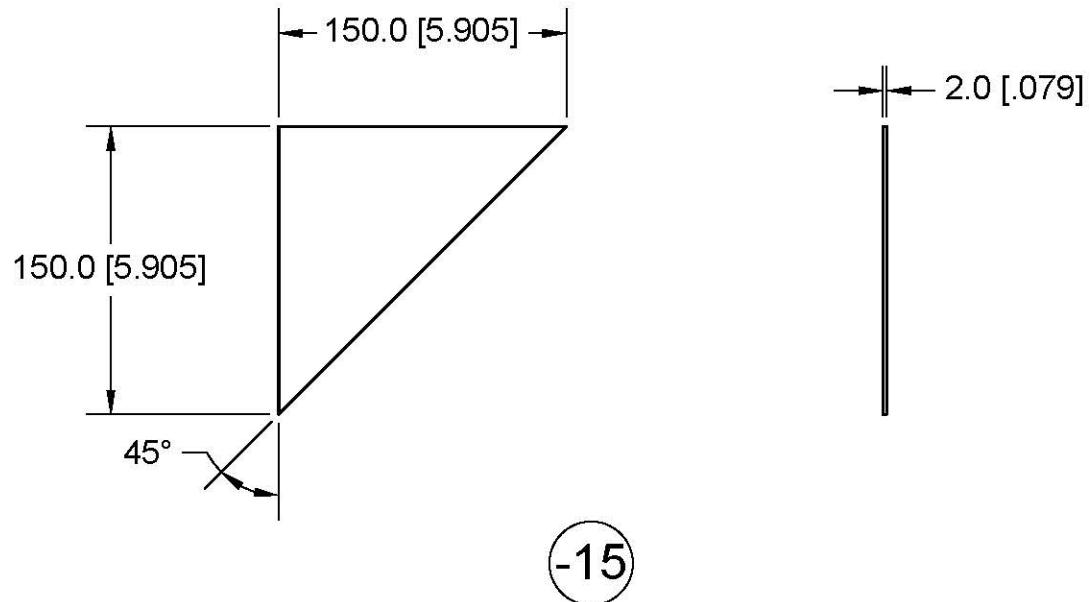
1. FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

8819116001 ASSEM.

DRAWN BY:	PERRITT		
APPROVED			
HEAT TREAT			
FINISH SPEC	--		
USED ON MODEL	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS XXX \pm .005 FRACTIONS \pm 1/32 XX \pm .01 ANGLES \pm 5° X \pm .1		
ARRIEL 1E-1E2			
PART #	QTY	DESCRIPTION	REV
-13	2	1" x 1-1/2" x .120 WALL x 2-1/2 LONG RECT. STEEL TUBING	
		UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES 0.015 x 45° PR 0.015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	SCALE NTS DATE 4-14-06 SHEET 8 of 16

RB RED BARN MACHINE
MOTOR SUPPORT STAND
DWG NO. 8819116000

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



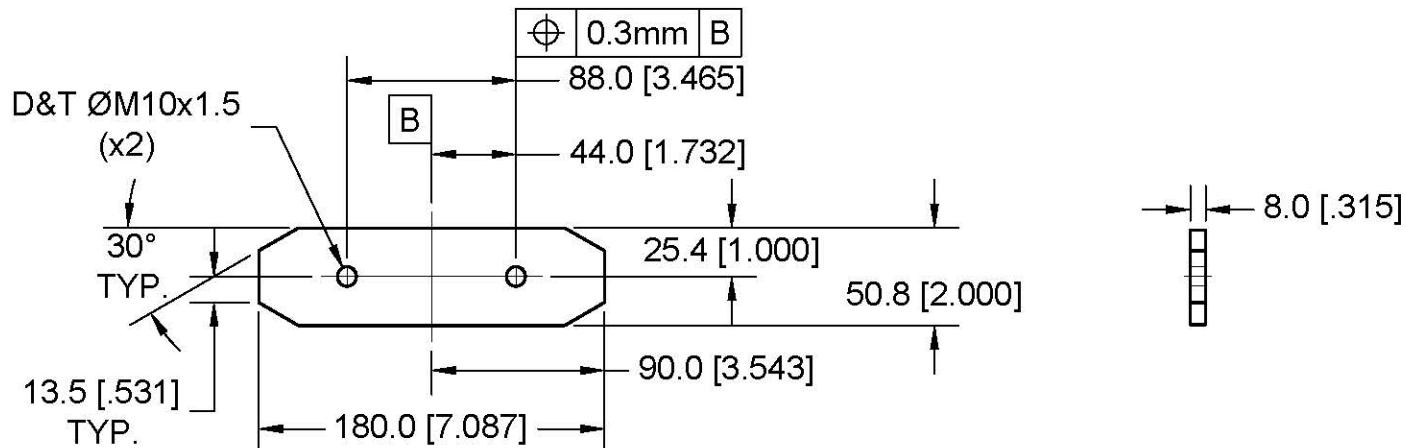
NOTES

1. FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

8819116001 ASSEM.

DRAWN BY: PERRITT	APPROVED	
HEAT TREAT		
FINISH SPEC	--	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
TOLERANCES ON: DECIMALS XXX ± .005 FRACTIONS ± 1/32 XX ± .01 ANGLES ± 5° X ± .1		
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES 0.15 x 45° PR 0.15 R		
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		
RB RED BARN MACHINE		
TITLE MOTOR SUPPORT STAND		
DWG NO. 8819116000 REV		
SCALE NTS	DATE 4-14-06 SHEET 9 of 16	
PART #	QTY	DESCRIPTION
-15	2	6" X 8" X 14 GAUGE C.R. SHEET STEEL

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



-17

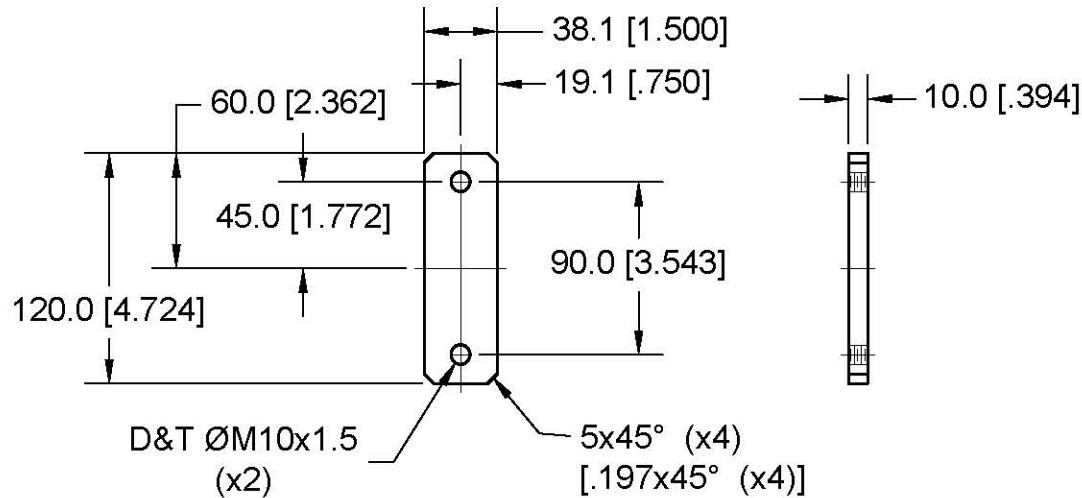
NOTES

1. FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.
2. FACE, DRILL & TAP AFTER WELDING

8819116001 ASSEM.

DRAWN BY: PERRITT	APPROVED	HEAT TREAT	TITLE RB RED BARN MACHINE	
USED ON MODEL ARRIEL 1E-1E2	SPEC --	FRACTIONS ± 1/32	MOTOR SUPPORT STAND	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS XXX ± .005 XX ± .01 X ± .1		ANGLES ± 5°	DWG NO. 8819116000 REV	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES 0.15 x 45° PR 0.15 R		SCALE NTS DATE 4-14-06		SHEET 10 of 16
PART #	QTY	DESCRIPTION	2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
-17	2	1018 2" x 3/8" x 7-1/4" LONG FLAT BAR		

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



-19

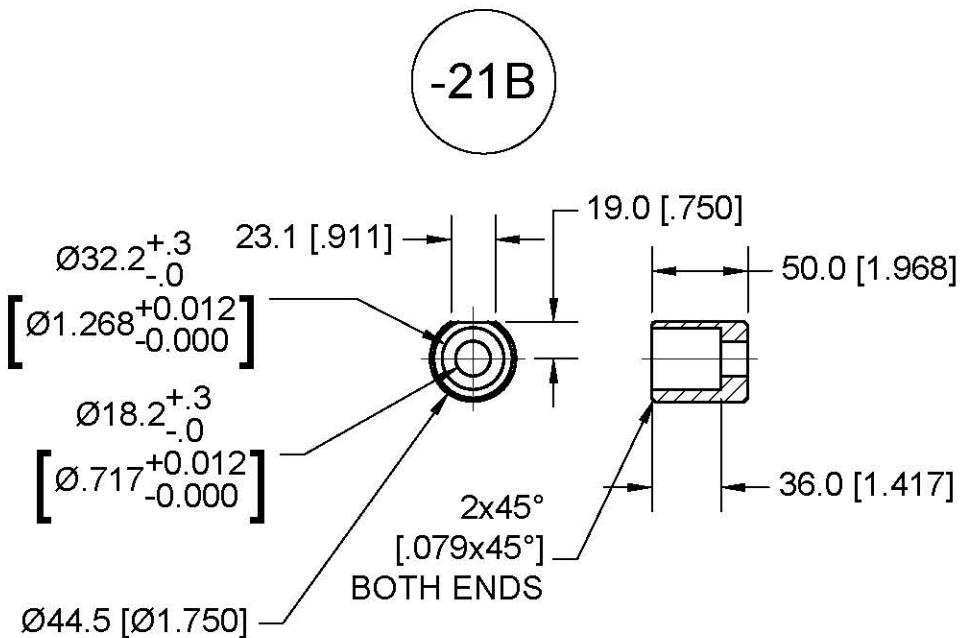
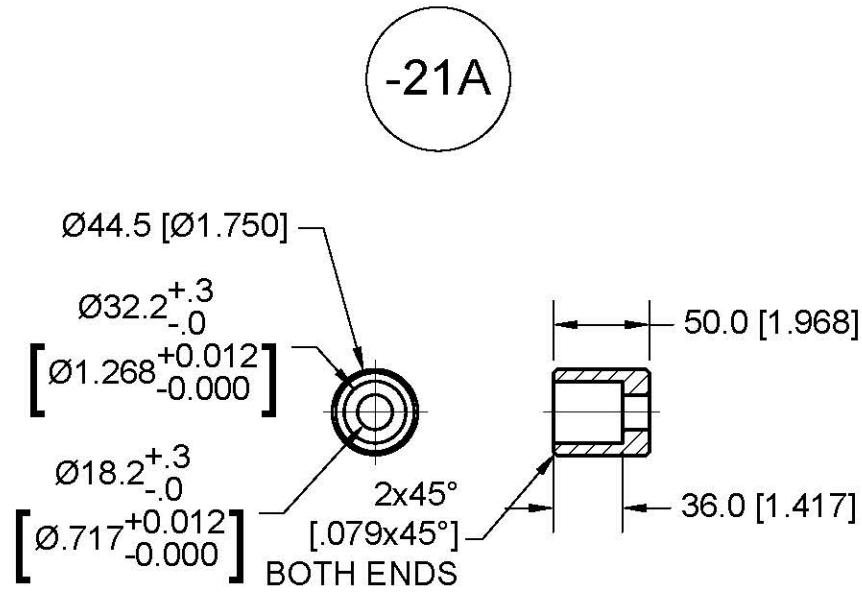
NOTES

1. FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

8819116001 ASSEM.

DRAWN BY:	PERRITT	 RED BARN MACHINE TITLE MOTOR SUPPORT STAND DWG NO. 8819116000 REV								
APPROVED										
HEAT TREAT										
FINISH SPEC	--									
USED ON MODEL	ARRIEL 1E-1E2									
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS XXX ± .005 FRACTIONS ± 1/32 XX ± .01 ANGLES ± 5° X ± .1 UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR 0.15 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING										
PART #	QTY	DESCRIPTION	SCALE	NTS	DATE	4-14-06	SHEET	11	OF	16
-19	1	1018 1-1/2" x 1/2" x 5" LONG FLAT BAR								

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



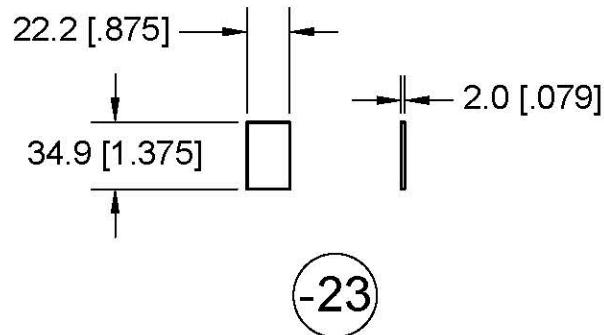
NOTES

- FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

8819116001 ASSEM.

DRAWN BY:	PERRITT			
APPROVED				
HEAT TREAT				
FINISH SPEC	--			
USED ON MODEL	ARRIEL 1E-1E2			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS XXX ± .005 FRACTIONS ± 1/32 XX ± .01 ANGLES ± 5° X ± .1				
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES 0.15 x 45° PR 0.15 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING				
PART #	QTY	DESCRIPTION	DWG NO.	REV
-21A	1	1018 1-3/4" x 2-1/8 RND STOCK	8819116000	
-21B	1	1018 1-3/4" x 2-1/8 RND STOCK		
SCALE	NTS	DATE	4-14-06	SHEET 12 OF 16

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



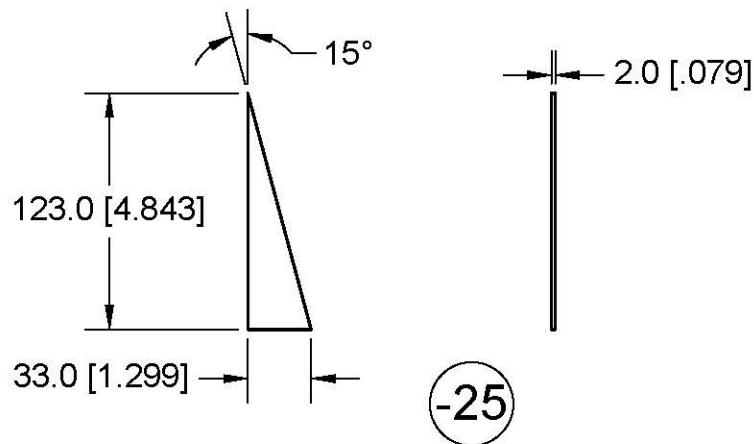
NOTES

1. FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

8819116001 ASSEM.

DRAWN BY:	PERRITT	RB RED BARN MACHINE TITLE MOTOR SUPPORT STAND DWG NO. 8819116000 REV
APPROVED		
HEAT TREAT		
FINISH SPEC	--	
USED ON MODEL	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS XXX ± .005 FRACTIONS ± 1/32 XX ± .01 ANGLES ± 5° X ± .1	
ARRIEL 1E-1E2	UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES 0.15 x 45° PR 0.15 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
PART #	QTY	DESCRIPTION
-23	6	7/8" x 1-3/8 x 14 GAUGE C.R. SHEET STEEL
		SCALE NTS DATE 4-14-06 SHEET 13 OF 16

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



-25

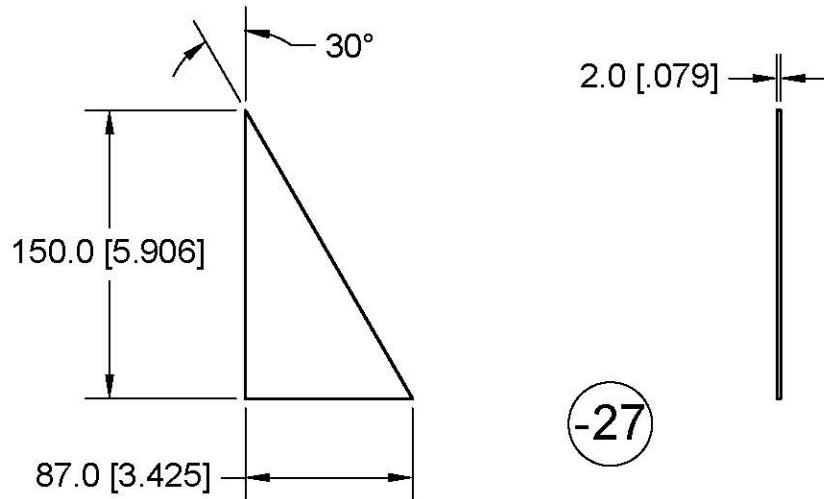
NOTES

1. FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

8819116001 ASSEM.

DRAWN BY:	PERRITT	RB RED BARN MACHINE TITLE MOTOR SUPPORT STAND DWG NO. 8819116000 REV
APPROVED		
HEAT TREAT		
FINISH SPEC	--	
USED ON MODEL	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS XXX ± .005 FRACTIONS ± 1/32 XX ± .01 ANGLES ± 5° X ± .1	
ARRIEL 1E-1E2	UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES 0.15 x 45° PR 0.15 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
PART #	QTY	DESCRIPTION
-25	1	1-1/2" x 5" x 14 GAUGE C.R. SHEET STEEL

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



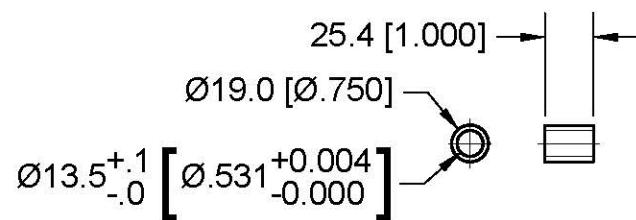
NOTES

1. FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

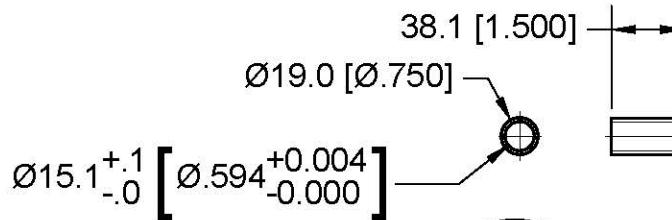
8819116001 ASSEM.

DRAWN BY:	PERRITT	 RED BARN MACHINE TITLE MOTOR SUPPORT STAND DWG NO. 8819116000 REV
APPROVED		
HEAT TREAT		
FINISH	--	
SPEC	--	
USED ON MODEL	ARRIEL 1E-1E2	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS XXX ± .005 FRACTIONS ± 1/32 XX ± .01 ANGLES ± 5° X ± .1		
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR 0.15 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		
PART #	QTY	DESCRIPTION
-27	1	3-1/2" x 6" x 14 GAUGE C.R. SHEET STEEL
		SCALE NTS DATE 4-14-06 SHEET 15 OF 16

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



-29A



-29B

NOTES

- FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

8819116001 ASSEM.

PART #	QTY	DESCRIPTION
-29A	4	3/4" O.D. x .120 WALL x 1-1/8" LONG CDS STEEL TUBING
-29B	2	3/4" O.D. x .120 WALL x 1-1/2" LONG CDS STEEL TUBING

USED ON MODEL ARRIEL 1E-1E2	DRAWN BY: PERRITT APPROVED HEAT TREAT FINISH SPEC --	RB RED BARN MACHINE TITLE MOTOR SUPPORT STAND
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS XXX ± .005 FRACTIONS ± 1/32 XX ± .01 ANGLES ± 5° X ± .1	DWG NO. 8819116000 REV
	UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES 0.15 x 45° PR 0.15 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	SCALE NTS DATE 4-14-06 SHEET 16 of 16